

GARTENBERG, B. (Moskva)

Training course for amateur drivers. Za rul. 18 no.2:9
F '00. (MIRA 13:6)

(Moscow--Automobile drivers)

BEYLIN, L.,; VORONKOV, Yu., shofer, byvshiy kursant; GOREV, G., sotrudnik;
PEVZNER, S., sotrudnik; GARTENBERG, B.

- Reorganizing the training of drivers. Za bezop.dvizh. no.2:8-9
P '60. (MIRA 13:5)

1. Zamestitel' direktora Uchebnogo kombinata Glavmosavtotransa
(for Beylin). 2. Metodicheskiy kabinet Ministerstva avtomobil'nogo
transporta i shosseynykh dorog RSFSR (for Gorev and Pevzner).
(Automobile drivers)

GARTENFLYUS, V.B., inzh.; ELIVITSKIY, A.A., kand. tekhn. nauk; UTOM, L.A.,
inzh.

Underground mining of Leblazhin iron ore deposits. Bul. TSNIIKHIM
no.2:1-5 '58. (MIRA 11:5)
(Nizhniy Tagil—Iron mines and mining)

GARTENSHTEYN, B. B.

O proizvodstve elektrooborudovaniia dlia transporta. [Production of electric equipment for transportation]. (In Vsesoiuznoe soveshchanie po sostavleniiu general'nogo plana elektrifikatsii SSSR, Moscow, 1931. Problemy genplana elektrifikatsii SSSR, p. 165).

DLC: TK5.V8 1931d

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

GARTINSKIY, Ye., podpolkovnik

Wire net for fastening charges. Voen.-inzh.zhur. 97 no.2:39-
40 F '53. (MIRA 12:4)

(Blasting)

GARTMAN, G.A.

35466. Kliniko-rentgenologicheskie osobennosti techeniya abstesegsov legkikh, lechennyya penitsillinom Vracheb. delo, 1949, No. 11, stb. 1--5-08.

Letopis' Zhurnal'nykh Statey, Vol. 48, Moskva, 1949

GARTMAN, Genrikh Aleksandrovich; RAYKIN, I.A., red.

[Radioelectronics in agriculture] Radioelektronika v
sel'skom khoziaistve. Moskva, Izd-vo "Energija," 1964.
31 p. (Moscovaia radiobiblioteka, no.524) (EIR 17:7)

SMIRNOVA, I.Ye.; NIKOLAYEVA, A.A.; GARTMAN, L.Ye.

X-ray treatment of inflammatory diseases of the anterior portion
of the eye. Oft.zhur. 16 no.6:341-345 '61. (MIRA 14:10)

1. Iz kafedry rentgenologii, kafedry oftal'mologii (zav. - prof.
Yu.I. Bogdanovich) Zaporozhskogo instituta usovershenstvovaniya
vrachey i glaznogo otdeleniya (zav. - L.P. Zakharchenko) III gorod-
skoy bol'nitsy.

(EYE--INFLAMMATION) (X RAYS--THERAPEUTIC USE)

GARTMAN, V.

Production of the "Vacutronic" plant (GDR). Atom. energ. 14
no.2:232-233 F '63. (MIRA 16:1)

(East Germany--Nuclear instruments)

GARTMAN, V.A.; GRYAZEV, A.T.; KIRILLOV, G.A.; KOGAN, S.M., redaktor;
RAKHMATULLIN, F., tekhnicheskii redaktor

[Centralized drying and cleaning of raw cotton at procurement
stations] Opyt tsentralizovannoi sushki i ochistki khlopka-
syrtsa na zagotovitel'nykh punktakh. Tashkent, Gos.izd-vo
UzSSR, 1956. 39 p. (MIRA 10:6)
(Cotton)

GARTMAN, V.A.

Generation of heat by raw cotton. Tekst.prom.16 no.1:28-31
Ja '56. (MLRA 9:4)

1.Nachal'nik laboratorii sushki Tsentral'nogo nauchno-issle-
devatel'skogo instituta khlopkevoy promyshlennosti.
(Cotton--Drying)

GARTMAN, V.A.

Urgent problems of raw cotton drying. Tekst.prom. 22 no.2:13-18
F '62. (MIRA 15:3)

1. Nachal'nik tekhnicheskogo otdela Gosudarstvennogo spetsial'nogo konstruktorskogo byuro po khlopkochistke, g. Tashkent.
(Cotton--Drying)

GARTMAN, Valentin Aleksandrovich; KARIMOV, Ubaydulla Aliyevich;
SAPEL'NIKOV, Ivan Alekseyevich; SHLIFER, David Grigor'yevich;
BICHEROVA, A., red.

[Pocket handbook for the inventor and innovator] Karman'yi
spravechnik izobretatel'ia i ratsionalizatora. Tashkent,
Izd-vo "Uzbekistan," 1965. 150 p. (MIRA 18:8)

GARTMAN, Ye.A. [~~Hartman, E.A.~~]

Intravenous drip instillations for infants without preparation of
the vein. Ped., akush. i gin. 20 no.2:25-28 '58. (MIRA 13:1)

1. Detskoye otdeleniye (zav. - Ye.A. Gartman) Beregovskoy rayonnoy
bol'nitsy (glavnyy vrach - M.Yu. Palfi) Azkarpatskoy oblasti.
(INJECTIONS, INTRAVENOUS)

BARKHAD, B., kand.med.nauk, dotsent [Barhad, B.]; PILAT, L.; BERDAN, K.;
PREDA, N.; MIKHEILE, I. [Mihaila, I.]; LILLIS, R.; ELIAS, R.;
GARTNER, A. [Hartner, A.]; GREDINE, K. [Grudina, K.]; VAYDA, I.;
IONESCU, K. [Ionescu, K.]

Working conditions and health of salt mine workers. Gig. i san.
24 no.12:24-30 D '59. (MIRA 13:4)

1. Iz Instituta gigiyeny i obshchestvennogo zdorov'ya Rumynskoy
Narodnoy Respubliki, Bukharest.
(MINING)

ENACHESCU, Marin; GARTNER, A.; MARINOV, M.

Mass detection of cardiovascular diseases. Stud. cercet. med.
intern. 6 no.1:47-57 '65.

L 10653-66 EWP(j)/T/EWP(t)/EWP(k)/EWP(n)/EWP(b)/EWA(c) JD/HW/DJ/RM

ACC NR: AP5028434

SOURCE CODE: GE/0029/65/000/011/0647/0649

AUTHOR: Nittel, J. (Zwickau); Gartner, G. (Zwickau); Mockel, J. (Zwickau)

ORG: Central Institute of Manufacturing Technology in Machine Building, Karl Marx Stadt, Division of forming techniques, Zwickau (Mitteilung aus dem Zentralinstitut für Fertigungstechnik des Maschinenbaus, Karl-Marx-Stadt, Bereich Umformtechnik)

TITLE: Glass foam as lubricant carrier in steel extrusion

SOURCE: Neue Hutte, no. 11, 1965, 647-649

TOPIC TAGS: steel, steel extrusion, hot extrusion, extrusion lubricant, glass lubricant, lubricant carrier, glass foam carrier

ABSTRACT: East German glass foam (usually used as building material) was found to be unsuitable as a lubricant in steel extrusion when used alone owing to a high content of silicon dioxide and carbon, the latter originating from the foaming medium. However, it was found that the same glass foam is an excellent carrier of other lubricants such as glass powder. Foam-glass disks 73 mm in diameter and 2-3 mm thick containing pores 0.1-4.0 mm in diameter were rolled in glass powder so that the latter filled the open pores. Then the disks were used in a regular manner in the extrusion of carbon steel at 1100C with a reduction of 82-96.5% in a vertical 500-ton press. The extruded bars had a perfect surface and accurate dimensions, and the service life of dies increased by 75%. Since regular glass

Card 1/2

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ACC NR: AP5028434

foam is not suitable for extrusion at temperatures of 800—900C (extrusion of nonferrous metals), another series of experiments has been initiated in which foamed plastics in combination with a liquid, but viscous, lubricant will be used. Orig. art. has: 2 figures. [DV]

SUB CODE: 13/ SUBM DATE: 10May65/ OTH REF: 005/ ATD PRESS: 4169

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Card 2/2

The spontaneous ignition of coals. KÁRÉLY CLÁRNER. *Matematika és Természettudományi Közlemények* 40, 374-401 (in German 407, 87 (1928)). Ignition points of Hungarian brown coals were detd. in air and in O currents. Coal consisting of smaller particles ignited more readily. Ignition is accelerated by the presence of unstd. org. compds. The presence of S, moisture and humic acid showed no influence on the ignition temp. Data in the literature on the spontaneous ignition point of coals have value only in case grain size of coal is stated.

S. S. DE FINÁLY

17

Nicotine content of Hungarian tobacco. Károly Gärtner and Sándor Kocz, Jr. *Mészárosai Készlethez* 9: 123-9 (1934). - Contrary to the statements of Tóth (cf. *Chem. Ztg.* 25, 610 (1901)), expts. proved that tobacco does not contain any free nicotine. This result affirms the data of many other investigators. Methods of Rasmussen (cf. *C. A.* 10, 1873) and Pfyel-Schmitt (cf. *C. A.* 22, 1214) seem to be the most reliable for the detn. of nicotine in tobacco. The samples of garden tobacco leaves harvested in 1934 contained 0.48 to 1.40% nicotine detd. by method of Pfyel-Schmitt. Samples of Cherb (so-called "kapa") tobacco harvested in 1930-33 showed nicotine contents from 1.08 to 6.95%. The harvest of 1932-33 gave tobacco of a generally lower nicotine content, probably because of extraordinary climatic conditions.

S. S. de Findly

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
<div style="display: flex; justify-content: space-between;"> ew 17 </div> <p>Nicotine content of Hungarian tobaccos. Károly Girt- ner and László Bodnár. <i>Mezőgazdasági Közlemények</i> 10: 50-57 (1937).--Analysis of tobacco leaves harvested in 1935 showed that nicotine content is generally higher than those harvested in 1931. The av. contents were: "kapa" tobacco 3.71, "Szegedi" 3.24, "Tiszai" 2.89, "Devec- sényi" 2.68, "sziloki" 1.83 and "kerti" (garden) tobacco 1.33-1.65%. S. S. de Finlay</p>																																																			
<div style="display: flex; justify-content: space-between;"> ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION 6-2 </div>																																																			

The image shows a microfilm frame with a document page. At the top, there are two rows of numbers (1-26) used for indexing. Below these, the title "PROCESSING AND PROPERTIES INDEX" is visible. The main body of the document contains a paragraph about the evaluation of tobacco based on its chemical composition, specifically focusing on fermentation methods and carbohydrate content. The text mentions different types of tobacco (cigars, garden tobacco, fine type) and their respective carbohydrate percentages after fermentation in a cool store or a heated room. A handwritten "Ca" is in the top left margin, and a large "17" is in the top right margin. At the bottom of the frame, there is a section labeled "METALLURGICAL LITERATURE CLASSIFICATION" with a grid of numbers and letters for categorization.

1ST AND 2ND COLUMNS		PROCESSING AND PREPARATION		10TH AND 11TH COLUMNS	
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17

Evaluation of tobacco on the basis of its chemical composition. II. Károly Gátnér. *Magyar Chem. Folyóirat* 45, 19-30(1930); H. C. 7P32, DUKP.—Strength of tobacco is indicated by the sum of percentage content of nicotine, protein N and total N. Mildness (the opposite of pungency) can be expressed as the ratio of content of sol. carbohydrates to that of ash. Aroma is expressed by the sum of contents of resins and polyphenols. The relative evaluation no. is obtained by dividing the sum of contents of sol. carbohydrates + polyphenols + resins + citric acid + pH value by the sum of contents of nicotine + protein N + total N + ash + oxalic acid. For practical reasons this quotient is multiplied by 100. The uniformity no. is the ratio of strength to mildness + aroma, multiplied by 10. The real evaluation no. is obtained by multiplying the relative evaluation no. by the uniformity no. if this latter is below 10 or by dividing the former by the latter if the latter is higher than 10. Evaluation according to these principles agreed well with evaluation by practical experts on base of smoking trials. S. S. de Finály

17

CA

THE FERMENTATION OF TOBACCO. Károly Gábor. Magyar Chem. Folyóirat 46, 20-32 (1940). Samples of Hungarian tobacco were fermented (1) in stacks, (2) in storehouses with simultaneous heating and air conditioning and (3) by machine fermentation (redrying). The redrying method seems to be most suitable, since all the deteriorating components, as ammonia, proteins, total nitrogen and ash, significantly diminished and the improving factors, as sugars, polyphenols and the amt. of nicotine, citric acid and oxalic acid were observed simultaneously increased. No regular changes in the amt. of valuable substances was the highest in the first method. For large-leaf tobacco, the second method was almost as satisfactory as the third. The results of the evaluation on the basis of the chem. compn. of the tobacco (cf. C. A. 33, 7485) were of the same order for the samples fermented by different procedures as the results of evaluation on the basis of organoleptic observations. S. S. de Pinsky

TEST AND INS. PAPERS		PROCESSING AND PROPERTY INDEX	
CA		17	
<p>Chemical changes in tobacco during curing. Károly Gartner (Chem. Labor. d. Kgl. ung. Tabakregie). <i>Debrecei Tiszta László Tudományos Társaság II. Országos Munkái</i> 8, 31-53(1942); <i>Chem. Zentr.</i> 1944, II, 348; <i>cf. C.A.B.</i> 38, 4756. The curing (drying and fermentation) of the Gartner and Debrecei varieties of Hungarian tobacco and light Virginia tobacco is discussed. Artificial drying of the Gartner and Debrecei varieties produces a light color, a higher sugar and polyphenol content, and a sweet odor and taste in the smoke. In the 2nd phase of drying, i.e., in the fixing of the light color, brown spots develop on the light leaf surface, especially in fine leaf tissue, if the excess moisture in the room is not removed as rapidly as it is formed. These brown spots differ from the light leaf portions not only in color and chemical compn. but also as to their behavior during fermentation. Such spots have lost the sweet odor and taste and the ability to take up and store water. After fermentation, they are low in sugar and polyphenols but are rich in proteins. The re-drying fermentation system is best for Gartner and large-leaved tobacco to be used for cigarette manufl. However, the correct conditions of treatment for the particular tobacco must be accurately maintained (temp. of 15-20° in the heating room for Gartner leaves, with the addn. of 15-20° water to the tobacco in the dampening room). The vitality of the green, mature leaves plays the most important roll in the curing of the tobacco. M. G. Moore</p>			
ASH-51A METALLURGICAL LITERATURE CLASSIFICATION			
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REMARKS		REMARKS	

1ST AND 2ND GROUPS																									
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<p>CA</p> <p>Changes in nicotine content of <i>Nicotiana rustica</i> in correlation with certain cultivating methods. Karoly Gartner and Mihály Demecsek. <i>Agrárudományi Szemle</i> 1, 403-404 (1947). — In rows 40 cm. apart instead of 60 cm., with the plants 30 cm. apart instead of 40 cm., the yield of leaves increased but a part of these leaves could not develop well. Thus there was only an insignificant increase in nicotine production. Plants from which the tops and blossoms had been removed gave higher nicotine yields. This seems to confirm the connection of nicotine synthesis with flowering. István Fényi</p>																									
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																									
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GARTNER, K.

"Examination of varieties of barley." Elelmezsi Ipar, Budapest, Vol. 8, No. 3, Mar. 1954, p. 81.

SO: Eastern European Accessions list, Vol. 3, No. 11, Nov. 1954, L.C.

GARTNER, K.

98. Investigations on the harvest of various Hungarian and foreign varieties of barley — K. Gartner (Erdm. 1934, Vol. 8, 1934, No. 11, pp. 338-340, 1 tab.)

The moisture and protein content, the 1000 grain weight, anticipated extract referred to malt of 90 different domestic and foreign sorts of barley have been compared for the purpose of qualification in malting. The samples were also subjected to organoleptic tests for grain size, fineness of coat, wrinkles and colour. A new correlation is given for the computation of the anticipated extract content taking into account a factor established for Hungarian conditions of cultivation.

AG

G. GYMER, K.

Five years in improving barley. n. 161.
(MELEKESZETI IPR. Vol. 9, no. 6, June 1955. Budapest.)

SO: Monthly List of East European Accession. (EEAL). Lc. Vol. 1: Nov. 11 Nov. 1955 Incl.

GARTNER, Karoly, Dr.

Filtration by means of Hungarian and imported siliceous earth.
El elm ipar 15 no.5:129-136 My '61.

1. Magyar Orszagos Soripari Vallalat Kutato Laboratoriuma.

GARTNER, Karoly, dr.

Manufacture of filter siliceous earth in Hungary. Musz elet
18 no.4:11 14 F '63.

GARTNER, L.

HUNGARY / Chemical Technology. Chemical Products and H-13
Their Application. Ceramics. Glass. Binding
Materials. Concrete.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 2162.

Author : Adonyi, Z., Gartner, L.

Inst : Not given.

Title : Comments on the Vibration of Reinforced Concrete.

Orig Pub: Epitoanyag, 1958, 10, No 1-2, 56.

Abstract: During the construction of a traffic bridge, concrete was poured in two layers for reinforced H-beams: the lower beam with $V/T_s = 0.4$, and the upper one with $V/T_s = 0.38$. The strengths of the upper part of the lower layer, particularly in the region adjacent to the upper layer, proved to be insufficient. It occurred because

Card 1/2

GARTNER, L.; SZUCS, M.

Mechanism of coking. p.491

KOHASZATI LAPOK, (Magyar Banyaszati es Kohaszati Egyesulet)
Budapest, Hungary
Vol. 13, no.10/11, Oct./Nov. 1958

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959
Uncl.

SZEGLI, G.; TOMA, Ecaterina; STANICA, Ecaterina; STOIAN, Cecilia;
GARTNER, Magda

Elimination of pyogenic substances from purified and concentrated
antitoxic serums. Arch. roum. path. exp. microbiol. 21 no.1:163-170
Mr '62.

1. Service de Biochemie Generale de l'Institut "Dr. I. Cantacuzino.
(for Szegli, Toma). 2. Service de la Diphterie de l'Institut "Dr.
I. Cantacuzino (for Stanica, Stoian). 3. Laboratoire Central pour
le Controle d'Etat des Serums et des Vaccins-Bucarest de l'Institut
"Dr. I. Cantacuzino (for Gartner).

(TOXINS AND ANTITOXINS)

STANICA, Ecaterina, dr.; STOIAN, Cecilia, biolog.; CALALB, Gh., dr.;
In colaborare cu: POPESCU, P., dr.; ANTONESCU, Odile, dr.;
EDUARD, Hilde, dr.; GARTNER, Magda, dr.

Some considerations on the Schick test. Microbiologia (Bucur)
8 no.4:377-381 JI-Ag '63.

1. Institutul "Dr. I. Cantacuzino" (for Stanica, Stoian, Calalb).
2. Inspectia de Stat pentru Igiena si Protectia Muncii,
regiunea Bucuresti (for Popescu, Antonescu, Edward).
3. Labora-
torul central pentru controlul de stat al serurilor si vaccinuri-
lor (for Gartner).

(DIPHTHERIA) (IMMUNOLOGY) (DIPHTHERIA TOXIN)

RUMANIA

GARTNER, Magda and CHIRESCU, N. of the Central Laboratory for the State Control of Serums and Vaccines (Laboratorul Central pentru Controlul de Stat al Serurilor si Vaccinurilor).

"Simian Viruses."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 4, 1963, pp 463-471.

Abstract: A review article on the research performed to date on the biological and physical characteristics of Virus SV₄₀ and the importance of serological and clinical studies to solve the problems associated with this virus, especially the preparation of vaccines that will be free of it.

Includes 1 table and 57 references, of which 2 Russian, 3 Rumanian and 52 Western.

SZEGLI, G.; TOMA, Ecaterina; GARTNER, Magda

Contribution to the problem of determination of the degree of
despeciation of purified antitoxic serums. Arch. roum. path.
exp. microbiol. 23 no.3:791-796 S'63

1. Institut "Dr. I. Cantacuzino" Service de Biochimie Generale
et d'Immunochimie, Bucarest (for Szegli, Toma) 2. Laboratoire pour le
Contrôle d'Etat des Serums et des Vaccins, Bucarest (for Gartner).

ANGELESCO, I.; CHIRESCO, N.; DEMIAN, Ligia; GARTNER, Magda; POPESCO, G.;
RIMNICEANU, I.

Influence of the "time" factor on the efficacy of certain biological products. Arch. roum. path. exp. microbiol. 23 no.3: 821-826 S'63

1. Travail du Laboratoire Central pour le Controle d'Etat des Serums et des Vaccins, Bucarest.

TOMA, Ecaterina; SZEGLI, G.; GARTNER, Magda; MEGUT, M.

Contribution to the study of the relation between serum properdin and pyrogenic substances from purified anti-toxic serums. Arch. Roum. path. exp. microbiol. 23 no.4: 967-972 D '64.

1. Travail de l'Institut "Dr. I. Cantacuzino". Submitted June 26, 1964.

1/1

RUMANIA

616.916-085.371

CAJAL, N., CEPLEANU, Maria, SORODOC, Yolanda, IONESCU, S.,
GARTNER, Magda, IANOPOL, Ligia, BOGHITOIU, Gh., FRIEDMAN, O.,
HULUTA, Liliiana, and IONESCU, Doina, of the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

"Specific Prophylaxis in Measles. II. The Testing on Children of a Vaccine Prepared with Modified Live Virus."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 5, 66, pp 377-387.

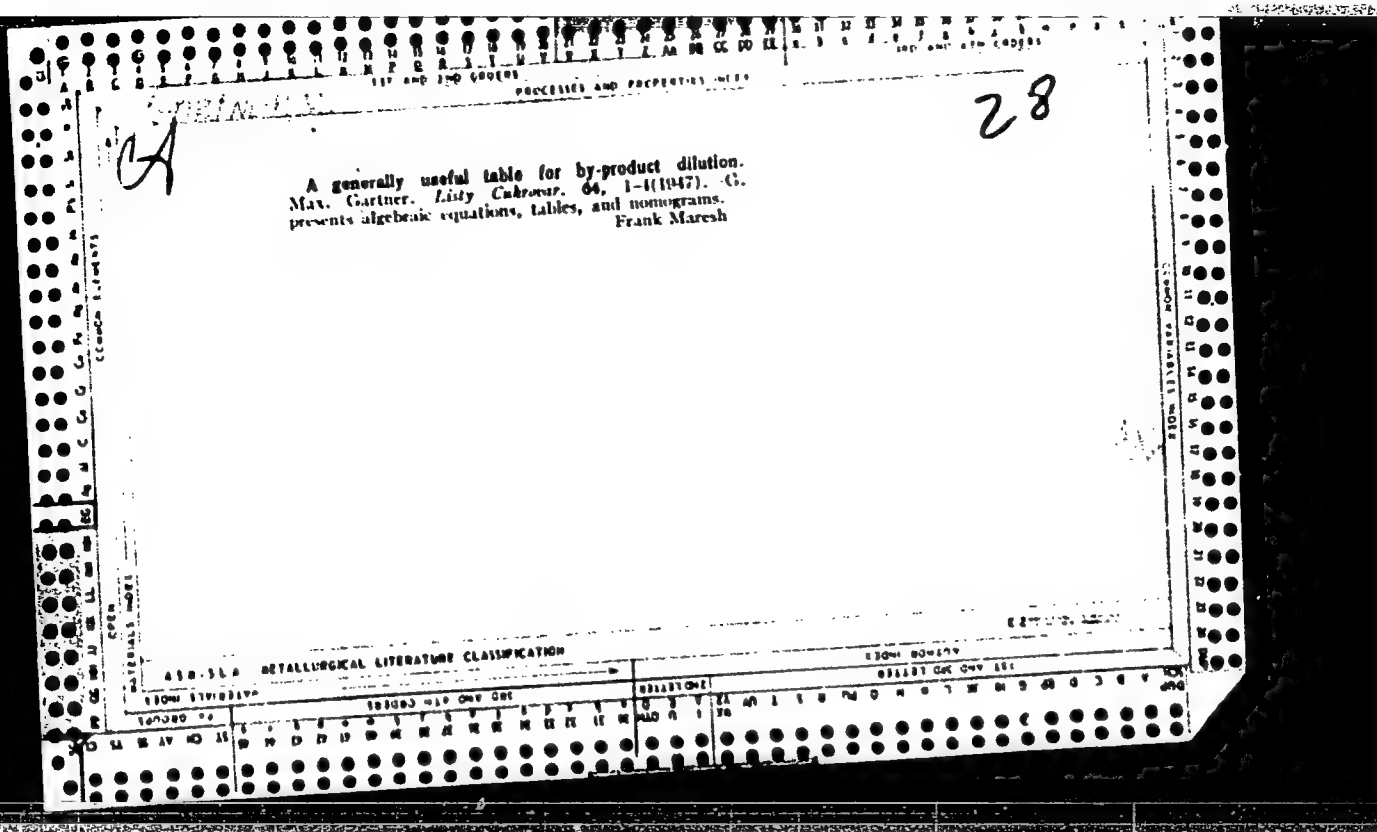
Abstract: An anti-measles vaccine prepared with modified live M60-5Huang virus was tested on 220 children. Only minor clinical reactions resulted, with a complete absence of rashes or convulsions. One month after vaccination serum conversion was 79.41 percent, and the titer of anti-measles hemagglutination-inhibiting antibodies varied between 1/80 and 1/320. After 4 months the corresponding values were 75 percent and 1/40 to 1/80. Thus the vaccination seems to confer a specific immunity, which so far has protected the vaccinated children against measles.

GARTNER, Margot

Automation in the interest of the production and workers.
Ujit lap 15 no.13:12 10 JI '63.

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PROCEDURES AND PROPERTIES INDEX																			
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<p>Monographs useful for estimation of colors of impure factory products. H. GILBERT and A. MONTAG (Z. Elektrochem. Elektrochem., 1955, 59, 144-146).—Directions are given for the construction of suitable monographs for the purpose, based on (a) the depth in mm. read by the Stammer colorimeter, and (b) the mechanical (or Eq. degree) or polarization.</p> <p>J. P. O.</p>																			
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<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">A</div> <div style="float: right; font-size: 1.5em; font-weight: bold;">28</div> <div style="clear: both;"></div> <p>Field experiments with hormone-treated sugar beets. J. M. Gartner. <i>Listy Cukrovár</i>. 61, 57-60(1942). - In 6 different field plots on the estate Sereď, Slovakia, G. grew sugar-beet seeds treated with com. hormones as well as untreated seeds serving for controls in accordance with the specifications given by Dedeck and Dykyj-Sajfert. <i>Listy Cukrovár</i>. 60, 179(1942); C.A. 38, 3544. As compared to the untreated seeds, the hormone-treated sugar beets showed a 10% decrease in the no. of beets per unit area, a 14% increase in the av. wt. of the root, a 2.4% decrease in the wt. of beet root per unit area, a 0.9% increase in digestion in 3 fields, and a 1.1% decrease in digestion in 3 fields, and an approx. unchanged yield of sugar per unit area.</p> <p style="text-align: right;">Frank Mareš</p>										<div style="text-align: center; font-weight: bold;">ASB-BLA METALLURGICAL LITERATURE CLASSIFICATION</div> <div style="text-align: center; font-weight: bold;">VOLUME NUMBER</div>									
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28

CH

17 AND 180 CORDS

PROCESS AND PROPERTIES

180 AND 170 CORDS

The graphical determination of the quantity of liquid in horizontal cylindrical vessels. Max Gartner. *Lusty Carbon*. 64, 130-2(1948).—For sugar mills G. uses a system of nomograms which gave a max. error of $\pm 0.31\%$.
Frank Mareš

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1800 STRENGTH

1800 STRENGTH

1800 STRENGTH

CM

A supplement to the dilution table for low-grade raw
sugars and to the saturation table. M. Gärtner (Slovak
Tech. Univ., Bratislava, Czech.). *Chem. Zvesti* 3, 339-
40(1949).—The relation of sugar and nonsugar solids to
water is discussed. Jan Micho

CA

28

Polarization of sugar solutions which have been increased by one-tenth in volume by defecation. M. Gartner and W. Hegerwald. *Leitz. Chem.* 63, 97-98 (1948-9); *Sugar Ind. Abstracts* 11, 44 (1948).—For 50 or 100 cc. of soln. +5 or 10 cc. of defecant with a 300 mm. polarization tube, the sugar content is given by: $P = 0.26 \times 1.1 V/s$, where V = %Ventake and s = sp. gr. (or S = "Balling"). Calcs. can be obtained by use of Schmitz tables, but it is suggested that a nomogram (illustrated) be used. The accuracy of the latter (compared to results by tables) is ± 0.012 for values of P , or, for the reverse calcn., on the s $\rightarrow S$ scale, ± 0.001 for s , or ± 0.010 for S . R. D. H.

UNCLASSIFIED, M.

"Theoretical and practical amounts of molasses." p. 448. (Chemicke Zvesti. Vol. 5, no. 8, Oct. 1951. Bratislava.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

Book 2 Sugar, March - June 1945.

B. W. Chas

Memogram for calculation of colour in sugar factory liquors.
M. Garman (Listy Cukr., 1931, 67, 68-69; Sug. Ind. Abstr., 1931,
12, 106).—A memogram is described which calculates the colour
on 100 dry solids, 100 sugar, or 100 non-sugars, from data of
Stammer colorimeter readings, pol. and purity of sugar liquors.
P. S. Anup.

(3)

Graphical calculation of lime in defecation of sugar-beet
juice. J. Valátka and M. Gärtner (Výskum. ústav cukro-
var. pobočka, Bratislava, Czech.). Chem. Zvesti 6, 299-73 [No 7/8]
(1952). Jan Míčka

Methods of control applied in production of lactic acid. I. Purity of Lactic acid.

II. Coloration of lactic acid and its salts."

Chemicke Zvesti, Bratislava, Vol 6, No 7/8, Sept./Oct. 1952, p. 375

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

GARTNER, M.

"Mechanized nomogram for calculation of the required amount of water to be added in the final phase of sugar crystallization." *Chemicke Zvesti*, Bratislava, Vol. 8, No. 2/3, Feb./Mar. 1954, p. 97.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

GARTNER, M.; HEGEWALD, W.; VASATKO, J.

Evaluation of calculation of the yield of molasses. p. 564.
CHEMICKE ZVESTI. Bratislava. Vol. 9, no. 9, Nov. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

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CZECHOSLOVAKIA / Chemical Technology, Chemical Products and
Their Application. Part 3 - Fermentation
Industry

H-26

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12767.

Author : J. Vasatko, M. Gartner, A. Kleinertova.

Inst : Not given.

Title : Production Method of Lactic Acid from Calcium Saccharate
Obtained by Sugar Extraction from Fodder Molasses

Orig Pub : Che. zvesti, 1957, 11, No 5, 293 - 309.

Abstract : Saccharose is separated from fodder molasses as a sac-
charate, which is decomposed by CO_2 into saccharose and CaCO_3 ;
the saccharose solution is fermented by Delbruckii bacteria,
and the forming lactic acid (I) is neutralized with CaO_2 .
The mash is cleared with lime. The filtrate is condensed

Card 1/2

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and
Their Application. Part 3 - Fermentation
Industry.

H-26

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12767.

Abstract : by evaporation and cooled, and the crystals of Ca salt of lactic acid are separated from the mother liquor, washed with cold water, decomposed with H_2SO_4 into I and $CaSO_4$ and filtered; the filtrate is condensed by evaporation to the concentration of 50 or 80% for utilizing it as fodder I. The concentrated mother liquor is treated with H_2SO_4 , filtered, and the filtrate is condensed by evaporation to 50% concentration for utilizing it as industrial I. About 2/3 of molasses is saved and the manufacturing investments are about 30% less as compared with the method of I production directly from fodder molasses. A stage-by-stage scheme of I production is presented.

Card 2/2

GARTNER, M.

~~APPROVED FOR RELEASE: 07/19/2001~~ CIA-RDP86-00513R000514330007-8
CZECHOSLOVAKIA / Chemical Technology, Chemical Products and
Their Application. Part 3 - Fermentation
Industry.

H-26

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12768.

Author : M. Gartner, A. Sepitka.

Inst : Not given

Title : Methods of Control of Lactic Acid Production (3). Gasometric
Determination of Acids Bound by-Lime.

Orig Pub : Chem. zvesti, 1957, 11, No 6, 330 - 339.

Abstract : For the determination of acids bound with lime in wort (especially in dark wort) for lactic acid production, lime is precipitated in the neutralized wort with a Na_2CO_3 solution, $CaCO_3$ is separated by filtration and the excess of Na_2CO_3 in the filtrate is determined gasometrically as CO_2 .

Card 1/2

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and
Their Application. Part 3 - Fermentation
Industry.

H-26

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12768.

Abstract : An eudiometer designed for a simultaneous determination of
four samples is described. The acid contents are computed
with the accuracy of $\pm 0.6\%$ using a nomograph.

Card 2/2

GARTNER, MAX.

TECHNOLOGY

GARTNER, MAX. Cukrovarnické nomogramy s vysvětlivkami ve rustine a nemcine. Bratislava, Vydavatelstvo Slovenskej akademie vied, 1958. 132 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1958. Uncl.

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Carbohydrates and Their*
ABS. JOUR. : RZKhim., No. 23 1959, No. 83748
AUTHOR : Vesetko, J; Gartner, M.; Kleinertova, A.
TITLE : Production Method of lactic Acid from Calcium
Saccharite Obtained from Desugaring of the
Feed Molasses
ORIG. PUB. : Prumysl Potravin, 1959, 10, No 1, 47-52
ABSTRACT : See Ref. Zhur.-Khimiya, 1958, No 4. 12767

CARD:

*Processing.

1/1

GARTNER, O.

A water reservoir with a new type of wall. Tr. from the English. p. 329.

(Inzenyrske Stavby. Vol. 5, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

GARTNER, Otakar, inz.

"Nondestructive dynamic testing methods of building materials and structures" by Gustav Martinec. Reviewed by Otakar Gartner. Pozstavby 11 no. 2, 114 '63.

GARTNER, Otakar, inz.

Construction of a tall building with Leca concrete.
Poz stavby 11 no. 12: 669-671 '63.

GARTNER, P.; KELEMEN, E.

Pathogenesis of morphinism and its new therapy. *Magy. belorv. arch*
5 no.2:89-93 June 1952. (CML 25:5)

1. Doctors. 2. Psychiatric and Neurological Department (Head Physician
-- Prof. Dr. Pal Gartner), Frigyes and Sandor Koranyi Metropolitan
Hospital.

GARTNER, P.

Therapy of neurosyphilis with serial stellate ganglion blocks. Orv.
hetil. 93 no. 38:1097-1098 21 Sept 1952. (CML 23:5)

1. Doctor. 2. Frigyes and Sandor Koranyi Metropolitan General Hos-
pital (Director - Head Physician -- Dr. Imre Petho), Psychiatric and
Neurological Department (Head Physician -- Prof. Dr. Pal Gartner).

GARTNER, Peter

Miniature dimensions in electronics. Radiotekhnika 5 no.5:164-166 My '65.

GARTNER, Peter

Reflection reduction by phase sully in the ultrashort
wave range. Hir techn 14 no.6:206-212 D '63.

1. Elektro Mechanikai Vallalat.

GARTNER, Pal, dr.; REUTER, Carmen, dr.; RECSEY, Bela, dr.

Alcohol-withdrawal by reflex conditioning. Orv. hetil. 96 no.36:
1000-1003 4 Sept 55-

1. A Fovarosi Koranyi Frigyes es Sandor Korhas (igaz:Petho Imre
dr.) Elme- es Idegosztalyanak (foorvos: Gartner Pal dr.) kozl.
(ALCOHOLISM, therapy,
conditioned reflex withdrawal technic)
(REFLEX, CONDITIONED,
conditioned withdrawal in alcoholism)

GARTNER, Pal, dr.

Treatment of encephalopathies due to carbon monoxide poisoning.
Orv.hetil. 101 no.47:1671-1672 20 N'60.

1. Koranyi Frigyes es Sandor Koskorhaz, Elme-Ideg osztaly.
(CARBON MONOXIDE toxicol)
(BRAIN dis)

HUNGARY

GARTNER, Pal, Dr; Koranyi Frigyes and Sandor General Hospital, Psychiatric and Neurological Ward (Koranyi Frigyes es Sandor Kozkorhaz, Elme-Idegosztaly).

"Experiments for the Prolongation of the Conditional Reflex. (For the Introduction of a Reflex-Conserving Ambulant Treatment for Alcoholics)."

Budapest, Orvosi Hetilap, Vol 104, No 21, 21 May 63, pages 978-980.

Abstract: [Author's Hungarian summary modified] The author discusses the memory mechanism of the conditional reflex. Reflex-aversion to alcohol was induced with a single administration of apomorphine. Electro-stimulation was employed for improving the memory. After an average of 12 electro-stimulations, the reflex conservation was effective for up to a year, while the memory span is 1-4 days without electro-stimulation. No references.

1/1

GARTNER, R., ing.

Basis of measuring gas humidity. Metrologia apl 10 no.5:
206-213 My '63.

GARTNER, R., ing.

Critical considerations on the practical application of methane
flow determination methods based on circular diagrams. Pt. 1.
Metrologia apl 11 no. 10:446-451 0 '64.

GARDNER, R., III.

Critical considerations on the practical application of methods for
the measurement of methane gas flow based on differential diagrams. Pt. 2.
Metrologia 11 no.11:501-509 N 1974.

PERJESI, Marton, szerszamkeszito; GARTNER, Vilmosne, szovono

This is why we attend the trade-union political school.
Munka 14 no. 2: 23 F '64.

1. Lang Gepgyar (for Perjesi). 2. Magyar Pamutipar (for
Gartner).

MIHAILOVIC, Mihailo Lj.; GARTON, George Allan; ANTIC, Mihailo; HADJILIV,
Dimitrije

Chemical investigation of wheat. pt. 5. Glas Hem dr 28 no.3/4:
179-199 '63

1. Faculty of Natural Sciences and Mathematics, Chemical Institute,
Belgrade, The Rowett Research Institute, Bucksburn, Aberdeen,
Great Britain, Faculty of Forestry, Belgrade, and Faculty of Tech-
nology, Novi Sad.

MIHAILOVIC, Mihailo Lj.; GARTON, George Alan; ANTIC, Mihailo; HADZIJEV, Dimitrije

Chemical investigation of wheat. Pt.9. Glas Hem dr 28 no.7: 367-376 '63.

1. Chemical Institute of the Faculty of Natural Sciences and Mathematics, Belgrade (for Mihailovic). 2. The Rowett Research Institute, Bucksburn, Aberdeen, Great Britain (for Garton). 3. Faculty of Forestry, Belgrade (for Antic). 4. Faculty of Technology, Novi Sad (for Hadzijeve). Submitted July 3, 1963.

OKHRIMENKO, N.N.; GARTORIZHSKIY, N.A. (Chita)

Combination of cerebral teratoma with solitary tuberculosis.
Vop. neirokhir. 26 no.6:54 N-D'62 (MIRA 17:3)

GARTS, E. V.

3

1330. EXPERIMENTS ON INCREASING GAS PRODUCER OUTPUT WITH CHELYABINSK COAL.
 Plotnikov, N.D., Garts, E.V. and Serebryakov, N.Z. (Gas. Prom. (Gas Ind.,
 Moscow), 1957, (2), 9-9; abstr. in Chem. Abstr., 1957, vol. 22, 13358).
 Detailed description is given of a gas producer, using 44 ton/day of Chelyabinsk
 coal with 26.8% ash, having a gasification capacity of 260 kg/sq.m, and of
 the following measures to increase the capacity: automatization of loading;
 replacement of hand work with machines in coal grinding; introduction of a
 cone grate; decreasing of the maximum coal lump size from 50 to 45 mm;
 improvement of the sieve efficiency. Within 10 years of service, the
 capacity of the producer increased from 3 to 7.9 megacal/hour. (L). C.A.

GARTSENBERG, E. Ya,

Effect of penicillin on deposition of Novarsenol in the cells
of active mesenchyme. E. Ya. Gartsenberg and N. S.
Smulov (Dermatol. Venerol. Inst., Ministry Health,
Moscow). *Vestnik Venerol. i Dermatol.* 30, No. 6, 40-3
(1950).—Penicillin introduced into a living organism (rats)
does not cause any noticeable change in the elimination of
Novarsenol by the organism and no basis is found for
reticuloendothelial activation by penicillin. G. M. K.

2

VENIKOV, Valentin Andreyevich; GARTSENBURG, Grigoriy Rafailovich;
SOVALOV, Solomon Abramovich; SOKOLOV, Nikolay Ivanovich;
STROYEV, V.A., red.; BUL'DYAYEV, N.A., tekhn. red.

[Strong excitation control] Sil'noe regulirovanie возбуж-
denia. Moskva, Gosenergoizdat, 1963. 151 p.

(MIRA 16:10)

(Turbogenerators)

(Volga Hydroelectric Power Station (Lenin))

GARTSENSHTEYN, M.S.

USSR / Radio Physics, Reception of Radio Waves,

I-7

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 7342

Author : Roditi, V.V., Gartsenshteyn, M.S.

Title : Receiving Antennas and Industrial Radio Interference

Orig Pub : Radiotekhnika, 1956, 11, No 9, 21-27

Abstract : Analysis of the problem of the effective heights of indoor antennas and the noise transfer coefficient as fundamental parameters, affecting the quality of the reception of radio broadcasts in municipal conditions in the presence of industrial noise. Data are given on the measurements of these quantities in certain cities of the USSR and on the analysis of the results using the method of mathematical statistics.

Card : 1/1

- 54 -

AUTHORS: Roditi, V.V.,
Gartsenshteyn, M.S. 108-13-6-6/11

TITLE: The Effect Attained When Using the Standards in Force in the USSR for Industrial Radio Disturbances for the Purpose of Improving Radio and Television Reception (Effektivnost' primeneniya deystvuyushchikh v SSSR norm industrial'nykh radiopomekh dlya uluchsheniya priyema radioveshchaniya i televideniya)

PERIODICAL: Radiotekhnika, 1958, Vol. 13, Nr 6, pp 59-67 (USSR)

ABSTRACT: By taking into account the statistical character of industrial radio disturbances and other factors influencing the degree of the effect exercised by disturbances or noises in radio reception, a method of determining the probability of the disturbing effect exercised by disturbances of the source is given in accordance with the standards in force (Ref 1). Statistical investigations (Refs 2,3,4) showed that, expressed in decibels, the distribution of the amounts of disturbance voltages at the terminals of the source, of the disturbance-transmission factors, and of the efficacious heights of the reception antennae obey the normal standards with sufficient accuracy. First, the formula (5) for the standardized deviation is derived. Next, the disturbance

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The Effect Attained When Using the Standards in Force in
the USSR for Industrial Radio Disturbances for the Purpose
of Improving Radio and Television Reception

108-13-6-6/11

probability is calculated 1.) of electric household apparatus, 2.) of high-frequency generators in industry, 3.) of electric communications, and 4.) of automobiles. - Re. 1.) The ratio between signal and disturbance $N_1 = 40$ db is considered to be the condition for good reception. This quantity was also recommended by the MKKR and SMKPR and was recommended also in this case for most calculations. For the reception of black- and-white television it is advisable in view of the standards in force in the USSR to assume the value of 47 db. - Re. 2.) The measuring results obtained by the State Radio Inspectorate at the Ministry of Post and Telecommunications were evaluated by the statistical method. The investigation of the character of the distribution of the voltage level of residual disturbance in the network at a distance of 50 m from the generators showed that distribution obeys the normal laws. A control carried out in accordance with the agreement-criterion set up by Kolmogorov-Smirnov confirmed the fact that a deviation from this law is not of essential importance. - Re. 3.) It may also be assumed (particularly in the case of trolley buses) that a weakening of the level of the disturbance field with the distance from the standardized point (10 m from the line) to the point of

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The Effect Attained When Using the Standards in Force in
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wireless reception can be expressed by the following empirical
formula:

$$U = U_{10} \left(\frac{1}{10} \right)^{-1,5}$$

where U and U_{10} denote the disturbance field levels expressed in
decibels at a distance of 1 and 10 m respectively from the line.
Up to a distance of 90 m the error will not exceed 2 db. -
Re. 4.) The residual disturbances caused by automobile traffic
exercise no disturbing effect on radio reception within the ranges
of long-, medium-, and short waves, but they are very noticeable
in the range of ultrashort waves and in some cases they also
disturb reception in television. In conclusion efficacy is
evaluated by the application of 1954 standards for some groups of
industrial radio disturbances. By means of the calculation
method described here and applying the average statistical para-
meters, efficacy can be evaluated by the application of standards
in force for industrial radio disturbances according to individu-
al groups of disturbance sources. The standards for residual

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The Effect Attained When Using the Standards in Force in
the USSR for Industrial Radio Disturbances for the Purpose
of Improving Radio- and Television Reception

108-13-6-6/11

disturbances of electric communication systems and automobile
traffic must be increased. The present work was compiled accord-
ing to the results of investigations carried out by the authors
at the Scientific Research Institute of the Ministry for Postal
and Telecommunications. There are 4 figures, 6 tables, and 4
references, 3 of which are Soviet.

SUBMITTED: September 1, 1957

1. Radio interference---Statistical analysis 2. Radio reception
---USSR 3. Television reception---USSR

Card 4/4

ДЕЙСТВИТЕЛЬНЫМ ЧЛЕНЫМ ВНЕШНЕГО НАУЧНО-ТЕХНИЧЕСКОГО СООБЩЕСТВА СССР -
ТЕХНИКИ И ЭЛЕКТРОСВЯЗИ ИМЕНИ А. С. ПОДКОПА

L 64181-65 EWT(d)/EWT(m)/EWA(d)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/

ACCESSION NR: AP5021545

SWA(G) JD/HW

UR/0286/65/000/013/0007/0007

621.731.423.531.71.002.56

AUTHOR: Gartsev, S. V.

TITLE: A device for drawing metal. Class 7, No. 172264

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 7

TOPIC TAGS: metal drawing, hydraulic device, metal forming machine tool

ABSTRACT: This Author's Certificate introduces a device for drawing metal. The unit is made in the form of a closed hydraulic punch which contains a working cavity with channels for feeding the hydraulic fluid. The workpiece is placed above this cavity. Provision is made for continuously monitoring the depth to which the part is drawn during formation. The device is equipped with a frame mounted on guides which are built into the punch. The movement of a carrier which is constantly pressed against the workpiece determines the drawing depth. Two pulleys are fastened to the punch on both sides of the cavity with cables passing through them. These cables are fastened at one end to the frame and have weights on the other end. The weights keep the carrier pressed against the workpiece. A gauge rod connected

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with the frame is constantly pressed against the workpiece by a piston. The gauge rod operates the jaw of an indicator whose displacement with respect to the frame determines the taper of the part being formed.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya (Central Scientific Research Institute of Technology and Machine Building)

44,55
SUBMITTED: 13Jan64

ENCL: 00

SUB CODE: IE, MM

NO REF SOV: 000

OTHER: 000

MLB
Card 2/2

GARTSEV, Vladimir Pavlovich.

The aerodynamics of airplanes Moskva, Gos. voen. izd-vo Narkomate oboronv Soluza
SSR, 1937. 256 p. (43-30280)

TL57C.G27

GARTSEV, Ye.V.

Results of the reorganization of a mine. Ugol' Ukr. 5 no.10:
22-23 0 '61. (MIRA 14:12)

1. Nachal'nik shakhty "Okt'yabr'skaya" tresta Kuybyshevugol'.
(Coal mines and mining)

L 13021-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP3000637 S/0181/63/005/005/1485/1486

AUTHOR: Mordkovich, V. N.; Cartseva, L. Ye.

TITLE: Effect of oxygen on recombination in heat-treated silicon 56
54

SOURCE: Fizika tverdogo tela, v. 5, no. 5, 1963, 1485-1486

TOPIC TAGS: recombination, heat treatment, Si, Cu, O, dislocation, electron conduction 56

ABSTRACT: This study was made because of the known fact that dislocations in silicon are surrounded by admixtures of oxygen derived from the quartz crucible; the investigation was made on bars of silicon grown at different rates of rotation, other conditions being equal, during extraction. The bars thus contain different amounts of oxygen. It was found that an increase in the rotation rate is actually accompanied by an increase in content of optically active oxygen in the silicon. Samples were heated in oxygen for 20 minutes at 700C and were then quickly cooled (on the order of 150 degrees per minute). This treatment led to a decrease in lifetime of charge carriers from values on the order of 60-90 microseconds to 10-20 microseconds. The surfaces of these samples were then coated with copper and again heated at 700C. The results show that diffusion of copper affects the

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lifetime of charge carriers in silicon. The lifetime is greatly extended by previous heat treatment with copper. The authors conclude that the rate of decrease in recombination activity of dislocations resulting from copper diffusion through dislocations in silicon is higher the greater the concentration of oxygen fixed at the dislocations during growth of single crystals. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: none

SUBMITTED: 24Dec62

DATE ACQ: 11Jun63

ENCL: 00

SUB CODE: 00

NO REF SOV: 002

OTHER: 001

Card 2/2

GARTSHTEIN, B. N.
 (Garštein, B. N. On certain limit laws for the range.
 Doklady Akad. Nauk SSSR (N.S.) 60, 1119-1121 (1948).
 (Russian))

The following results are stated without proof. Let ξ_n and η_n be respectively the maximum and minimum of a sample of n numbers drawn from a continuous distribution. Let φ_n be the distribution function of the range $\xi_n - \eta_n$, and let ψ_n be the convolution of the distribution functions of ξ_n and $-\eta_n$. Then (1) $\varphi_n(a_n u + b_n)$, for properly chosen $a_n > 0$, b_n , converges to a limiting distribution function increasing at more than one point if and only if the same is true of $\psi_n(a_n u + b_n)$, with the same a_n , b_n , and in that case the limiting distribution functions are identical. Now suppose in addition to the hypothesis of the continuity of the original distribution that ξ_n and η_n , properly normalized and centered, have limiting distribution functions. These are known to be of one of three types, say $\Phi_a(u)$, $\Psi_a(u)$, $\lambda(u)$, where a is a positive parameter [cf. Gnedenko, Ann. of Math. (2) 44, 423-453 (1943); these Rev. 5, 41]. Then (2) the possible limiting distribution types of $\varphi_n(a_n u + b_n)$ are $\Phi_a(u)$, $\Psi_a(u)$, $\lambda(u)$, $\Phi_a(u) \cdot \Phi_a(au)$, $\Psi_a(u) \cdot \Psi_a(au)$, $\lambda(u) \cdot \lambda(au)$, where $a > 0$ is a constant. It follows that the only possible limiting distributions of the range are also these six types. This generalizes work of Gumbel [Ann. Math. Statistics 18, 384-412 (1947); these Rev. 9, 195].

J. L. Doob.

Source: Mathematical Reviews,

Vol. 10. No. 7

GARTSHTEYN, B.N.

Gartshteyn, B. N. On the limiting distribution of the extreme and mixed ranges of a variational series. Dopovidi Akad. Nauk Ukrain. RSR 1951, 25-30 (1951). (Ukrainian. Russian summary)

Let x_1, \dots, x_n be independent variables with the same distribution $F(x)$, and let $\xi_1^{(n)} \leq \xi_2^{(n)} \leq \dots \leq \xi_n^{(n)}$ be their rearrangement in increasing order. The sample range of order (r, k) is defined as $\rho_{r,k}^{(n)} = \xi_k^{(n)} - \xi_r^{(n)}$. The author gives an enumeration of the possible limiting distributions of these random variables as $n \rightarrow \infty$ and $n \rightarrow k$ and r are either fixed, or $rn^{-1} \rightarrow \lambda$, or $kn^{-1} \rightarrow \lambda$. W. Feller (Princeton, N. J.).

Statistics

GARTSHTEYN, B. N.

~~GARTSHTEYN, B. N.~~

Limit distribution of the extreme rank. Nauk.zap.L'viv.un. 22:
50-71 '53. (MLRA 10:5)

(Mathematical Statistics)

GARTSHTEYN, N. O.

"Catemularia Fuliginea as a Producer of Defects in Sweetened Condensed Milk," Mikrobiol., 9, No.1, 1940

State Inst. Agricultural Microbiology, Moscow.

Chief, Central Sci. Research Lab., Main Admin. Milk Conserv. Ind., Moscow

GARTSHEYN, P.N.

Most efficient self-balancing of masses of a multiple-link
machine. Trudy Inst.mash.Sen.po teor.mash. 19 no.75:4-15
'59. (MIRA 13:1)

(Balancing of machinery)

GARTSHEIN, S.

Y Author: Gartshtein, S.

Title: The Mass Industrial and Scientific Propaganda. (Massovain proizvod-
stvenno-tekhnicheskaya propaganda.) 188 p.

City: Moscow

Publisher:

~~Publication:~~ --

Date: 1950

Available: Library of Congress

Source: Monthly List of Russian Acquisitions, Vol. 3, No. 12, p. 838

BCA GARTSMAN, B.M.

shaping

1922. Centralizing the preparation of ceramic raw materials and reorganizing the body-preparing departments of ceramic plants.—B. M. GARTSMAN (*Sov. Acram.*, 8, No. 11, 16, 1951). A general discussion on the modernization necessary in Russia. The primary treatment of ceramic raw materials should be centralized in mechanized plants at the sources of the raw materials. The body-preparing departments of ceramic works should change over to the semi-dry method of preparation. (3 tables.)

GARTSMAN, B. M.

Production reserves and the outlook for improving economic indices of the brick industry. Trudy Niistroilernaika, No 5, 1951.

GARTSMAN, B. M.

USSR/Miscellaneous

Ceramics Industry

Card : 1/1

Authors : Gartsman, B. M.

Title : ~~Economical advantages and ways of reducing the costs of effective ceramic wall materials~~
Economical advantages and ways of reducing the costs of effective ceramic wall materials

Periodical : Stok. i Ker., No. 6, 21 - 24, June 1954

Abstract : Using statistics of large ceramics plants in the USSR the author points out certain ways of reducing the manufacturing costs of effective structural ceramic materials and the economical advantages to be derived from the production of lower cost hollow (ceramic) products. The author emphasizes the adoption of better technological processes, maximum reduction of waste and improvement of the technical equipment in plants. Tables.

Institution :

Submitted :

GARTSMAN, B. M.

USSR/Miscellaneous - Production

Card 1/1 Pub. 104 - 7/10

Authors : Gartsman, B. M.

Title : Ways of increasing the productivity of work in the ceramic industry

Periodical : Stek. i ker. 11/12, 21-24, Dec 1954

Abstract : The author finds that although the production of ceramics has increased 2.6 times since 1950, it is still not keeping pace with developments in other industries. Names of new factories are cited with descriptions of changes made in the old ones in the way of improved methods and machinery. Explanation is given of what has been done to improve production systems and techniques with suggestions for still further advancement. Tables.

Institution : ...

Submitted : ...